

Peak District National Park

Forecast valid from 00:00 on Monday 03 Jan 2022 until 23:59 on Tuesday 04 Jan 2022

Forecast Issued on Sunday 02 Jan 2022 at 16:54

Confidence: High for rather unsettled, often windy, conditions and becoming generally much colder than recently, and for a fine day Wednesday, but lower with regard to arrival and clearance times of more prolonged precipitation.

Headline for Monday 03 Jan 2022: Sunny spells and occasional showers, evening rain. Winds easing

Mountain weather hazards on Monday 03 Jan 2022

Blizzards

No Likelihood

Gales

High Likelihood

Thunderstorms

No Likelihood

Heavy Snow

No Likelihood

Severe chill effect

Low Likelihood

Heavy persistent rain

No Likelihood

Storm force winds

No Likelihood

Poor visibility

Low Likelihood

Strong sunlight

No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
							
Partly cloudy (night)	Partly cloudy (night)	Partly cloudy (night)	Light rain showers	Sunny intervals	Sunny intervals	Sunny intervals	Light rain
Precipitation probability							
20%	20%	20%	30%	20%	20%	30%	50%

Forecast for Monday 03 Jan 2022

Weather: Clear or sunny spells, albeit the sunshine rather hazy at times, through much of the day with, especially in west, occasional showers. Cloud increases through the evening with outbreaks of rain developing.

Chance of cloud free mountain/hill tops above 600m: Around 75% through much of the day lowering considerably through the evening.

Visibility: Occasional cloud above about 600m becoming more persistent through the evening. Otherwise visibility very good falling to several kilometres in showers and rain.

Forecast for Monday 03 Jan 2022

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	34/44 SW	34/44 SW	32/43 SW	31/41 SW	30/41 SW	27/37 W	23/33 SW	18/26 W	13/18 NW
300	23/33 SW	23/34 SW	22/33 SW	21/32 SW	22/32 SW	19/29 SW	15/26 SW	12/20 SW	9/15 NW
Valley	14/32 SW	15/33 SW	14/31 SW	13/29 SW	15/30 SW	13/28 W	10/23 SW	7/18 W	7/15 NW

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	4/-2	4/-3	4/-3	4/-3	4/-2	4/-2	4/-2	3/-3	1/-4
300	7/2	7/2	7/2	6/1	7/2	7/3	6/2	5/2	4/0
Valley	7/4	7/4	7/3	7/3	8/4	8/5	6/4	6/3	4/2
Freezing Level*	1200m	1100m	1100m	1100m	1200m	1100m	1100m	1100m	800m

*Level above which ground is expected to be frozen/snow is expected to settle.

Meteorologist's View

Gusts around 55mph over higher peaks, easing through the morning.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
15:00 on Sun 02 Jan 2022	0mm	1mm	2mm

Forecast for Tuesday 04 Jan 2022

Weather: Cloud and outbreaks of rain, sleet and snow clearing south overnight with clear spells developing. Then a largely sunny start but cloud, especially in west, developing towards midday with occasional snow showers, while the east remains largely dry with long sunny spells.

Maximum wind: Northwesterly 25mph, gusts around 45mph over higher peaks.

Chance of cloud free mountain/hill tops above 600m: Close to 100% at first and more generally in east but becoming nearer 60% across western hills towards midday.

Visibility: Occasional or, perhaps, periods of cloud developing above about 600m, in west lowering to 450m in showers, with little cloud below the summits in east. Otherwise visibility excellent falling to a kilometre or so in snow showers.

Temperature: **Valleys:** Around plus 1 or 2 Celsius at dawn rising to plus 4 or 5 Celsius by day.
At 600m: Around minus 2 Celsius
Freezing level: Around 300m